THE CATALOG OF

JOHNS-MANVILLE

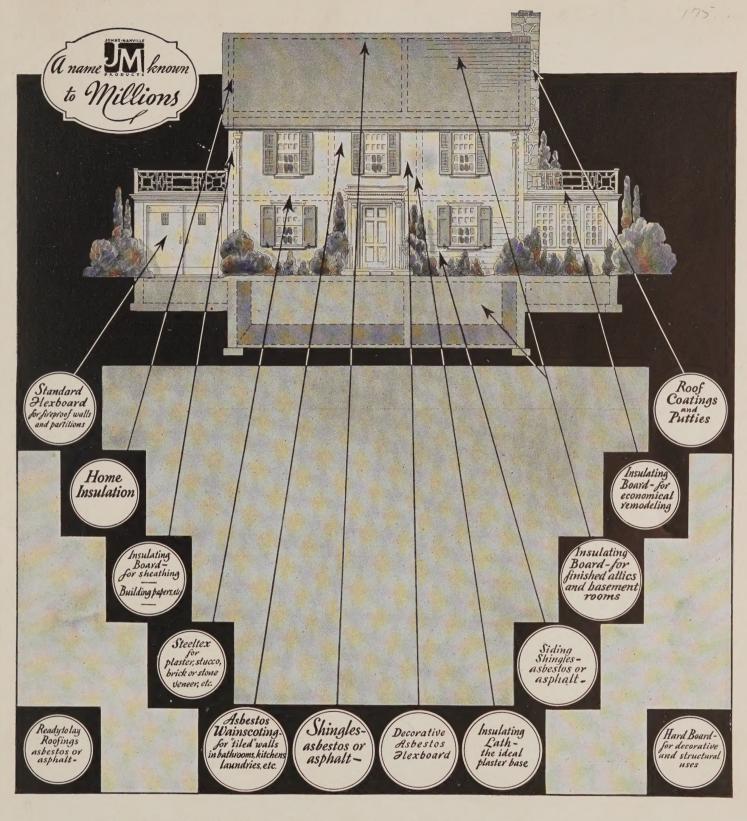


INDEX

OF

JOHNS-MANVILLE BUILDING MATERIALS

American Method (No. 35) Asbestos Shingles	14	Insulating Board (Standard and Decorative) 4-	6
		" Death (Standard and Decorative) +	2
Aquadam	2/	" Board for Sheathing	
Asbestos Caulking Putty	2/	Lath	2
" Felt 24,		Insulation, Ceiling 2	3
" Fibrous Enamel	27		
" Flexboard	7-9	Kraft Sheathing Paper 2	6
" Roofings		8 - 1	
		Lan Coment	7
Root Futty	2/	Lap Cement	-
Rooming Shingles 14-		Latch Thatch Shingles 2	
Siding Simigles	17	Lath, Insulating 1	2
" Wainscoting 10-	11		
" Wainscoting	-11	Marbleized Asbestos Wainscoting 1	0
Ashlar Strips	1	Modernedge Roofing 2	
Asphalt Coating, Emulsified	27	Multiple Bevel Tile	=
		Multiple Devel The	,
reit	26	N 25 D 6 61	
Tible Cement, Emulsined	27	No. 35 Roofing Sheet	
" Roofing Cement	27	No. 20 Waterproofing Sheet 2	5
" Roofings			
" Roofing Shingles 18-		PanLboard	6
" Saturated Sheathing	26	Pilot Roofing	
" Classes Fols	2.4	Diamet Dankar	5
" Slaters Felt	34	Planet Roofing	
		Plaster Board, Blue 2	.6
Ross Ashartas Wainssating	11	Plaster Lath, Insulating 1	2
Base, Asbestos Wainscoting		Plastic Asbestos Roof Putty 2	7
Base, Insulating Board	4	Putty, Caulking	
Batten Strips, Insulating Board	4	Putty, Roof	7
Bevel Plank (Plain and Beaded)	4	Domanial Kana	14
Bevel Tile	5	Pyramid Kaps 2	.4
Blue Plaster Board	26		
Building Papers	26	Ready Roofings, Asbestos 2	4
building Papers	20	Ready Roofings, Asphalt	5
		Regal Roof Coating 2	
Cap, Asbestos Wainscoting	11	Ridge Roll	
Cap Moulding, Insulating Board		Deal West Home Involving	2
Cap Mounding, misurating board	27	Rock Wool Home Insulation 22-2	.5
Caulking Putty	2/	Roof Coating 2	
Cedargrain (No. 105) Asbestos Siding Shingles		Roofing Cement, Asphalt 2	7
Ceiling Insulation	23	Roof Putty 2	27
Ceiling Tile		Rosin-sized Duplex Sheathing	
Celite for Concrete		atom order Duplet Breating 11777111111 2	
Cement, Lap		Sheathing, Asphalt Saturated 2	6
Color Panels, Asbestos Wainscoting	11	Sheathing, Asphant Saturated	0
Color Panels, Aspestos wainscoting	11	" Insulating Board for 1	
		Paper, Kraft 2	.6
Deadening Felt	26	Slatekote Diamond Point Roofing 2	5
Decorative Asbestos Flexboard		" Modernedge Roofing 2	5
		" Roofing 2	5
Decorative Insulating Board	4-0	Slaters Felt, Asbestos	
De Luxe PanLboard	6		
Diamond Point Roofing	25	Split Sheet Slatekote Roofing 2	.)
Dutch Lap (Nos. 30 and 40) Asbestos Shingles	16	Standard Hard Board	6
Dymond Tablock Asphalt Shingles	20	Standard Hard Board	1
- /		" PanLboard	6
		" 10" Strip Shingles 2	1
Emulsified Asphalt Coating	27	" 111/3" Hexagonal Strip Shingles 2	1
Emulsified Asphalt Fibre Cement			
•		Starters, Asbestos Shingle and Eave 1	/
		Steeltex, for plaster, stucco, and brick or	
Fibrous Enamel		stone veneer; Floor Lath 1	3
Flexboard, Asbestos	7-9		
Flexstone Asbestos Roofing		Tablock, Dymond, Asphalt Shingles 2	0
		Tempered Hard Board	
		Tile, Asbestos Wainscoting 10-1	1
Giant 121/2" Hexagonal Strip Shingles	21		
	21	Transite 2	0.
Gothic Design Asphalt Shingles			
Count Design respirate Dinigres		Wainscoting, Asbestos 10-1	
		Wainscoting Panels, Insulating Board	4
Hard Board	6	Wall Materials, Asbestos	
Hexagonal (Nos. 70 and 80) Asbestos Shingles	14	Welded Wire Reinforcement	
Havaganal Ambalt String Chingles	21		
Hexagonal Asphalt Strip Shingles	21	White Top Asbestos Roofing 2	+
Hip & Ridge Shingles	1/		
Home Insulation, Rock Wool	-23	Zinc Pyramid Kaps 2	4



A picture such as this is needed to reveal the many places in which one or more Johns-Manville materials can be used in the construction of better and more comfortable homes, and in the modernization of homes already built. These materials, however, are not designed for residential use alone, for every office, store, factory, and public building offers a ready field for each one of them. All these materials are fully described on the following pages, and are available through the Johns-Manville Dealer in your neighborhood.

JOHNS-MANVILLE INSULATING BOARD PRODUCTS

for interior structural and decorative use

Johns-Manville Insulating Board is a knotless, grainless, all-wood fibre board that possesses great strength. Because it is made in large units and is so easily applied, it simplifies the construction, modernization and decoration of all types of interiors. This versatile board is made in the variety of forms and finishes shown on these pages.

The natural color of J-M Insulating Board is a pleasing buff that harmonizes with practically any decorative scheme. For this reason, as well as for economy, it is often applied without paint or other finish. Where special effects are desired, it can be painted or stained to suit. It yields readily to cutting with beveling tools, and can be decorated in this manner right on the job. (For harder, denser materials, see J-M Hard Board and PanLboard, shown on page 6.)

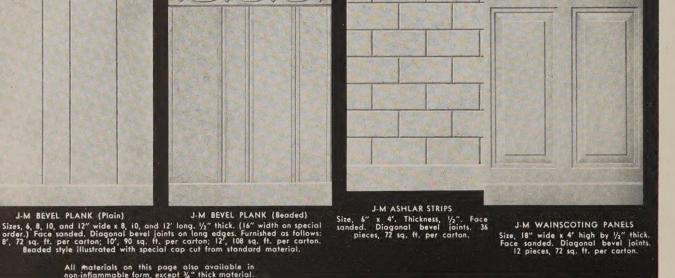
J-M Insulating Board products are ideal for remodeling and improving all types of homes and commercial buildings. Practically all styles are available treated to resist fire. The characteristics of this new non-inflammable material are described on page 12.

Standard Sheets

Wherever a partition or room must be built, and wherever else construction costs must be held to a minimum consistent with durability, J-M Insulating Board in standard sheets,



J-M BEVEL PLANK (Plain)



4 feet wide and up to 12 feet long, fills every requirement. (8'x12' available on special order.) Joints may be beveled, or concealed with battens. For unbroken surfaces, joints may be covered with painters' cloth, and the whole area painted.

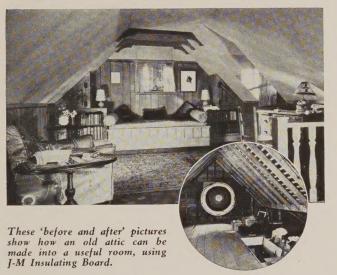
Decorative Forms

Bevel Plank (Regular and Beaded), Bevel Tile, Multiple Bevel Tile, Ashlar Strips, Wainscoting Panels

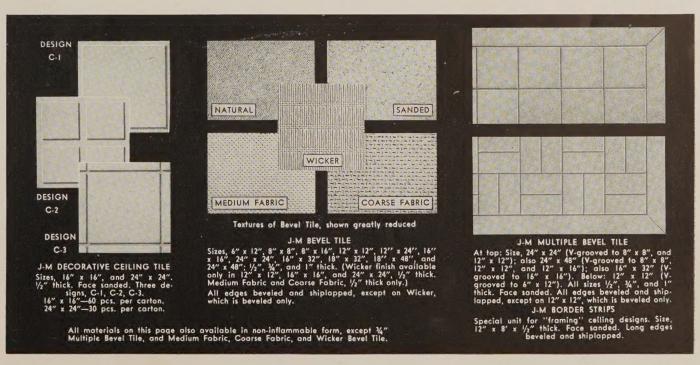
The decorative forms of J-M Insulating Board feature two pleasing random plank effects—(1) J-M Bevel Plank, which resembles wood plank with beveled edges, and (2) J-M Beaded Bevel Plank, which has grooves on each side of the joints.

Another popular effect is that of J-M Bevel Tile—Beveled Insulating Board made in a wide variety of standard sizes. With these tile, it is possible to create any number of interesting wall treatments. There are five attractive textures: Natural, Sanded, Medium Fabric, Coarse Fabric, and Wicker, all shown below.

(Continued on next page)







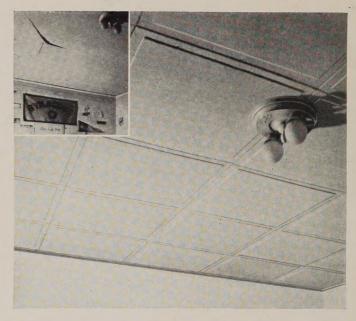
To supply ready-made wall and ceiling designs, Johns-Manville has developed J-M Multiple Bevel Tile, which is Insulating Board in large pieces, already beveled into attractive patterns. Additional effects may be obtained by cutting bevels, grooves, borders, and special designs in standard Insulating Board sheets. Other factory-cut designs are the Ashlar Strips and Wainscoting Panels, illustrated on page 4.

J-M Decorative Ceiling Tile

A new and important form of J-M Insulating Board is the Decorative Ceiling Tile, which is identically the same as the wall material, except that it is furnished in sizes convenient for overhead work. It is furnished in three distinctive designs, C-1, C-2, and C-3 (shown on page 5). These new tiles have all the qualities necessary for decorative ceiling treatments. They provide finished effects without the need for paint or kalsomine. And in kitchens, offices, shops, and stores they are a pleasing change from metal.

In existing rooms they can be applied right over the old plaster or metal ceilings (no matter how bad the condition) at a fraction of the cost of replacement, and without losing the use of the room for any considerable time.

J-M Multiple Board Tile is also excellent for ceilings. Furnished in pieces up to 24" x 48", this new material brings the cost of new or remodeled ceilings still lower.



Before and After: The question of expense has hindered many home owners from repairing old, cracked ceilings. Now, with J-M Decorative Ceiling Tile, an attractive ceiling finish can be applied right over the old plaster, at a fraction of the cost of re-plastering.

J-M HARD BOARD PRODUCTS

Decorative, structural sheet materials of unexcelled strength, hardness, toughness and rigidity. Natural tan and brown colors—burled finish



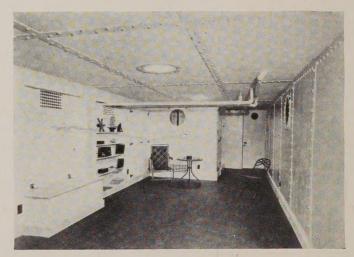
This decorative panel, made of Standard and Tempered Hard Boards, illustrates the workability of these materials.

J-M Hard Board is a hard, dense, all-wood fibre board—so strong that it can be used for lining concrete forms, and yet so decorative that it is used as wall treatment in the finest homes. It has a natural color and finish which are ideal for interior decorative purposes, without further treatment.

This new board will not

warp, crack, split, or splinter. Its hard, glossy surface is remarkably resistant to abrasion. It is so resistant to moisture that it can be used out of doors with practically no additional finish. Yet despite these characteristics of strength, it works easily under ordinary carpenters' tools.

Where an even harder, stronger, more rigid sheet is desired, J-M provides Tempered Hard Board, which also has a richer color and a glossier finish. Either style can be painted, stained, varnished, lacquered, enameled, or waxed. The Tempered Hard Board does not require a priming coat before painting.



1-M Hard Board was chosen for the walls of this basement room, because it not only is strong, but also is a fine base for paint.

J-M Standard and DeLuxe PanLboard

For uses where the exceptional strength and density of Hard Board are not required, Johns-Manville supplies two economical boards, known as Standard and DeLuxe PanLboard.

J-M Hard Board and Tempered Hard Board—Furnished in 1/8" and 3/6" thicknesses, in sheets 4 feet wide x 1, 2, 3, 4, 6, 8, 9, 10, and 12 feet long; also in 1/4" and 3/16" thicknesses, in sheets 4 feet wide x 12 feet long.

J-M Standard and DeLuxe PanLboard—Furnished in 1/4" thickness, in sheets 4 feet wide x 1, 2, 3, 4, 6, 8, 9, 10, and 12 feet long.



GREEN



ROSE



JOHNS-MANVILLE **ASBESTOS FLEXBOARD**

A flexible asbestos-cement sheet that can be sawed and nailed like wood. A fireproof, rot-proof, permanent material that can be installed in either decorative or standard finish at remarkably low cost

J-M Asbestos Flexboard is a fireproof, permanent, asbestos-cement sheet, so flexible that it can be made to conform to surfaces having a considerable curve; so workable that it can be sawed and nailed like wood: and so easy to handle that it can be applied as quickly and easily as any fibre



This photograph illustrates the remarkable flexibility of $\frac{1}{8}$ " J-M Flexboard.

board. Because of all these advantages, and because the material itself is so inexpensive, jobs done with J-M Asbestos Flexboard are amazingly low in cost.

J-M Asbestos Flexboard is made in two styles; one designed to provide colorful, sanitary, decorative wall finishes in homes, offices, stores or public buildings; the other to fill a wide range of utilitarian uses. (Continued on next page)

SLATE



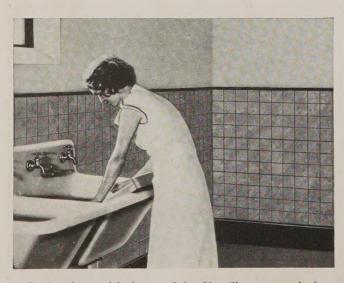
J-M ASBESTOS FLEXBOARD IN THESE ATTRACTIVE COLORS IS AVAILABLE IN BOTH TILE AND PLAIN DESIGNS



The interior of this New York City flower shop was entirely remodeled with J-M Standard Flexboard, even to the ceiling and the cashier's cage. To add lustre to the effect, the Flexboard was then varnished.



The entire interior of this plant (walls, ceiling, and elevator shaft) is constructed of J-M Standard Flexboard.



For laundries and bathrooms, Johns-Manville recommends the use of Standard Flexboard, which is to be enameled or varnished on the job, in colors of the owner's selection.

J-M STANDARD FLEXBOARD

For a wide range of utilitarian uses

J-M Standard Asbestos Flexboard is furnished in $4'x4'x\frac{1}{8}''$ buff-colored sheets, scored on 4'' centers, and in 4'x8' sheets, unscored, in thicknesses of $\frac{1}{16}''$, $\frac{1}{8}''$ and $\frac{3}{16}''$. It is ideal for many uses, such as partitions, door casings, base boards, table tops, fireproof storage rooms, and laundries; for constructing and lining summer bungalows, roadside stands, overnight cabins, and boat houses; for lining truck bodies, concrete forms, elevator shafts, and fur storage vaults; for lining farm buildings such as chicken coops, brooder houses, and milk houses. Where plaster is badly cracked or falling off, the large sheets of Flexboard can be applied right over the old walls and kalsomined. For special tile effects, the scored sheets can be painted to suit.

Because it is made of asbestos and cement—each an imperishable mineral—there is nothing in J-M Asbestos Flexboard to rot or disintegrate, or to attract rodents or vermin. Where protection from heat or cold is wanted, J-M Asbestos Flexboard should be applied in conjunction with J-M Insulating Board or J-M Rock Wool Home Insulation.

J-M Standard Asbestos Flexboard—(Buff only)—Furnished scored (4" C-C) in sheets 4' x 4' x $\frac{1}{8}$ ". Also furnished *unscored*, in sheets 4' x 8' x $\frac{1}{16}$ ", $\frac{1}{8}$ ", and $\frac{3}{16}$ ".



More than 70,000 square feet of Standard Flexboard were used in constructing the proscenium arch at the Center Theater, Radio City, N. Y. C. Flexboard was chosen because of its fireproof qualities, its strength, and its ability to take paint. Photo shows workmen bolting sheets to framework

J-M DECORATIVE FLEXBOARD

A distinctive finish for new and old work

For decorative use, J-M Decorative Asbestos Flexboard is furnished in plain and scored sheets, ½" thick, with a factory-applied finish. Simply applying the large sheets over J-M Insulating Board in new construction, or right over the old plaster walls in existing buildings, provides a permanent wall finish that can easily be cleaned with a damp cloth. Battens and metal trim are available as described below.

Remarkably Resistant to Wear! Colors Go All the Way Through!

J-M Decorative Asbestos Flexboard is so hard that it can be marred only by excessive abuse. Because the coloring is an integral part of the material itself, there is no danger of disfigurement from chipping, cracking, or crazing.

Wherever a colorful, decorative and sanitary finish is desired—in kitchens, lavatories, and laundries; in corridors, lobbies, restaurants and show rooms; in beauty shops and markets of every description, this new Johns-Manville Decorative Flexboard will save money. It is available in tile and plain design, in Green, Buff, Rose, Slate.

J-M Decorative Asbestos Flexboard—Furnished scored (4" C-C) in sheets 4' x 4' x $\frac{1}{8}$ ". Also furnished *unscored*, in sheets 4' x 8' x $\frac{1}{8}$ ". COLORS: Rose, Green, Buff, Slate.

Decorative Flexboard Battens—Furnished in Black, sizes 2" x 4', and 4" x 4'. Also in Green, Rose, Buff and Slate, size $1\frac{1}{4}$ " x 4'.

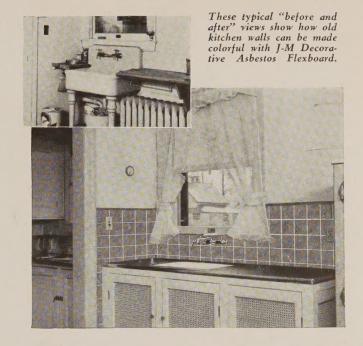
Aluminum Mouldings—For outside corners, straight joints, and cap mouldings, in 8' lengths only.

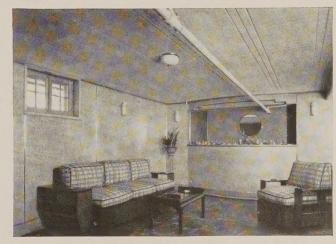


Without its walls of colorful J-M Asbestos Flexboard, this meat shop would be dull and drab.

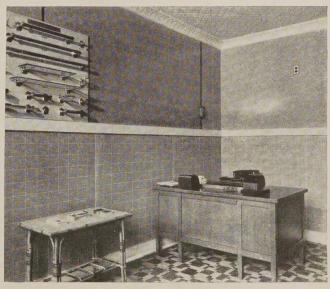


J-M Asbestos Flexboard in a dentist's office.





This attractive basement room has walls of Green Decorative Flexboard, backed with J-M Insulating Board. Note the curved bar front, which is also of Flexboard.



A typical office with walls of J-M Decorative Asbestos Flexboard.

J-M ASBESTOS WAINSCOTING

A sheet wall material in tile and marbleized designs, and in color panels

Colorful, sanitary, low in cost

Johns-Manville Asbestos Wainscoting is a sheet wall material made of asbestos fibres and Portland cement, with a special "baked-on" finish that stands up under all normal conditions of service. It will not spot or stain, and its original freshness can be restored by a simple wiping with a damp cloth or a cleansing with soap and water.

In its three styles, Marbleized, Tile Design and Color Panels, J-M Asbestos Wainscoting provides all the appearance and advantages of tile or marble—yet it can be applied with ordinary carpenters' tools. For this reason, it is ideal both for new construction and remodeling work.

Marbleized Wainscoting

From four of the finest quarries, Johns-Manville has selected the most perfect marble specimens obtainable, and has so authentically reproduced their surface detail that it is almost impossible to distinguish the Wainscoting



Bathrooms, laundries, and shower stalls require a wall material capable of standing up under the action of steam and hot water. J-M Asbestos Wainscoting is especially well suited for this service.

from the actual marbles themselves. In foyers, banks, smart shoppes and sales rooms—wherever the effect of marble is desired—Johns-Manville Marbleized Asbestos Wainscoting answers every requirement at only a fraction of the cost. It is available in the four designs illustrated below: Verde Antique, Breche Rose, Jaune Fleuri, Black & Gold.

VERDE ANTIQUE

BRECHE

JAUNE FLEURI

BLACK & GOLD



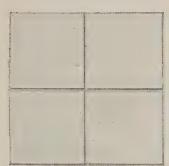




Light Green



Ivory



White

Light Blue



With the latest development in its Asbestos Wainscoting—a new combination sheet which unites cap, base and tile into a single piece—Johns-Manville cuts application costs to the very minimum.

No costly, time-consuming cutting along uneven floor lines is necessary with this new material. All sheets are applied with caps aligned. A quarter-round moulding along the floor not only conceals irregularities, but gives an added finish to the job.

Tile Design

In the tile design, J-M Asbestos Wainscoting gives the effect of 4-inch square tile set in soft-hued gray cement. Its "baked-on" surface is the result of long experiment by Johns-Manville Research Engineers, in collaboration with many leading laboratories. Accelerated tests indicate that this product is superior to any other similar material now on the market.

A unit from cap to base

The application of J-M Tile Design Asbestos Wainscoting is now simpler than ever, for the cap and base, although different in color, have been made an integral part of the sheet itself—an improvement that reduces application costs to the minimum. If desired, the tile sheet can be supplied with cap and base separate.

J-M Tile Design Asbestos Wainscoting is furnished in Ivory, White, Light Blue and Light Green, all having the new combination cap and base in Black, or with the cap and base furnished separate in the colors of the tile and in Black.

Color Panels

J-M Asbestos Wainscoting is also available in sheets of clear "baked-on" color—Ivory, White, Light Blue and Light Green—without the tile design, in keeping with many modern decorative requirements. In this style, the cap and base are furnished separate in the colors of the tile and in Black, rabbeted to receive the sheets.

J-M Asbestos Wainscoting—Size, $32'' \times 48'' \times \frac{1}{4}''$. Weight, approximately 3 lbs. per square foot. Packed six sheets to crate, weighing approximately 200 lbs. gross. Asbestos cap $(1\frac{1}{8}'' \times 48'' \times \frac{1}{2}'')$, and, for marbleized style $(3'' \times 48'' \times \frac{1}{2}'')$. Asbestos base $(6'' \times 48'' \times \frac{1}{2}'')$.

J-M Asbestos Wainscoting (Combination Type)—Size, 32" x 50¾" x ¼". Weight, approximately 212 lbs. gross. Special outside corner strip 50¾" long.

Standard inside and outside corner strips and straight joint strips furnished in sections 48" long, Lacquer enamel for touching up nail heads furnished in ½ pt. cans.





METHODS OF APPLICATION

Marbleized Design and Color Panels: Fastened in place with chromium screws. Can be used with rabbeted base and cap, in Black or marbleized colors, or as complete wall covering. Color Panels may also be applied with special metal strips in matching colors.

Tile Design: Fastened by nails in holes drilled in score marks and touched up with special lacquer, or by metal strips in the same colors as the tile. Use special strip for all outside corners.



This home has been entirely sheathed with Johns-Manville Insulating Board, even to the walls of the circular tower; for, although this board is rigid, it can be made to conform to surfaces having a considerable curve.

J-M INSULATING BOARD for sheathing

Stronger than the best wood sheathing Costs 2/3 less to apply—INSULATES

J-M INSULATING BOARD NOW AVAILABLE IN NON-INFLAMMABLE FORM

At slight additional cost, J-M Insulating Board, Insulating Lath, and Roofinsul, in ½" and 1" thickness, can be furnished treated to resist fire. Tests by Columbia University show that Insulating Board so treated will neither promote combustion nor carry flame and therefore does not constitute a fire hazard. When heated for 10 minutes by an air-gas blast burner at 1700° F., no flame developed from the material, nor did charring extend beyond the area directly exposed to the flame.

J-M Insulating Board greatly simplifies the job of sheathing any building. Because it is made in sheets, 4-feet wide, and in convenient lengths up to 12 feet, it enables workmen to cover large areas in one third the time ordinarily taken by wood sheathing. And because it is actually a wood fibre material, it is even more easily worked than wood.

In addition to substantially reducing labor costs, J-M Insulating Board insulates the home against heat and cold, thus providing a strong sales argument for the builder or realtor. And, because all joints center on the framing member, a wind-tight finished job is assured.

J-M Insulating Board—Size, 4 feet wide x 4, 5, 6, 7, 8, 9; 10 and 12 feet long, in $\frac{1}{2}$ " or 1" thickness. 1" thickness obtained by laminating two sheets together. J-M Insulating Lath—Size, 18" x 48", with long edges ship-lapped and all face edges beveled in $\frac{1}{2}$ ", $\frac{3}{4}$ ", or 1" thickness. Packed in cartons.

Under laboratory tests with a turnbuckle, J-M Insulating Board has been proved more resistant to distortion than the best diagonally applied wood sheathing.

In addition to its use as sheathing, J-M Insulating Board can be used as roof insulation, attic lining, and partitions throughout the building.

(For decorative uses of Insulating Board and Insulating Board Products, see pages 4-6).

On the farm

More and more, the control of temperature and humidity in farm buildings is receiving the attention of the farmer. J-M Insulating Board, applied right over the interior walls, corrects unsatisfactory conditions at low cost. Used as a lining, it conserves animal heat in dairy barns, stables, brooder houses and laying houses. It is likewise useful as an insulator in ice houses and milk houses, and will help to keep any building cooler in summer.

J-M INSULATING LATH Saves plaster and labor -- Eliminates unsightly lath marks



J-M Insulating Lath is Insulating Board in 18 in. x 48 in. size, with long edges shiplapped, and all face edges beveled. It is applied with the "gridded" surface exposed. Plaster bonds to it with a strength far greater than the key of plaster on

wood lath. J-M Insulating Lath makes a solid, unbroken surface which prevents unsightly lath marks and also results in a saving in plaster and labor.



Steeltex for plaster





Steeltex for stucco

Steeltex Floor Lath

STEELTEX for PLASTER

Minimizes plaster cracking by embedment of reinforcing steel. Made of 2" x 2" mesh, 16 ga., galvanized, copper-bearing fabric, with 200 lb. absorbent fibrous backing. Also available with slotted backing for use in tie-on work. Furnished in sheets, $30\frac{1}{2}$ " x 49"; and shipped in cartons containing 44 sheets (50 sq. yds.), weighing approximately 133 lbs. per carton.

Application: Attach to walls with 4d common or box wire nails, and to ceilings with 6d nails into each stud or joist. Lap sheets 1" at the end, and 1/2" at the sides. Stagger all joints. Start at one corner of ceiling. Apply on side walls from ceiling down. Apply plaster to not less than 5/8 grounds.

STEELTEX for STUCCO

A stucco reinforcement of 14 ga. steel wire, backed by two layers of tough fibrous paper, cemented together by a water-proof mastic compound. The backing, in addition to providing a suitable base to receive and hold the wet mortar, also furnishes

a seal against moisture penetration and air infiltration. Furnished in rolls, 49" wide x 1101/2" feet long, containing 50 sq. yds., and weighing 140 lbs. per roll. Also supplied in sheets 49" x 52", shipped in bundles of 80 sq. yds. (41 sheets), weighing 253 lbs. Steeltex Furring Nails (galvanized) are furnished 1½" long, 500 nails per box; 12 boxes per carton, weighing approximately

50 lbs.

Application: Nail completely around the building carrying over openings and around corners. Nail one width above the other, with all joints staggered and lapped at least $\frac{3}{4}$ " wire to wire. Stretch taut before nailing. Nail horizontal wires over every stud, and every 6 inches vertically. Cut away from openings, and use cut pieces for odd-shaped locations.

STEELTEX for BRICK or STONE VENEER (38-16)

Provides a monolithic wall of brick or stone, and steel-reinforced cement. Strengthens framework, and offers permanent resistance to penetration of air and moisture. Exactly like Steeltex for stucco, except that wire is 16 ga. Furnished in rolls, 49" wide x 1101/2 feet long, containing 50 sq. yds., and weighing 107 lbs. per roll.

Application: Wrap around building in shingle fashion, in place of sheathing. Stretch taut and nail to studs with galvanized nails. As each course of brick or stone is laid, spade in the mortar to fill the space between the brick or stone and the Steeltex.

JOHNS-MANVILLE STEELTEX

- a combined reinforcement and backing for plaster, stucco, brick veneer, stone veneer, and concrete floors

J-M Steeltex is an electrically-welded, cold-drawn, galvanized steel wire mesh, to which is attached an integral fibrous backing, offset at the proper distance to secure automatic embedding of the reinforcing in the plaster, stucco, mortar, or concrete. It not only imparts additional structural strength, but also prevents waste of plastic material.

J-M Steeltex is made in four styles, which differ in the gauge of wire and spacing, and also in the type of backing, according to the purpose each is to serve. Each of these styles provides elements of structural strength and economy not found in other materials.



Steeltex for brick or stone veneer

STEELTEX FLOOR LATH

A combined reinforcing and form for concrete or gypsum floors, and roofs, of 2" to $3\frac{1}{2}$ " slabs. Made with a 3" x 4" mesh of 12 ga. galvanized wire, with a cord-reinforced fibrous backing of ample strength not only to support the concrete, but to afford a safe walking surface once the fabric is applied to the joists. Water-resistant backing prevents loss of water and cement from the mix, and aids

in the proper curing of the concrete.

Furnished in rolls 4 ft. wide and 125 feet long (500 sq. ft.), weighing approximately 187 lbs. per roll.

Application: Roll out across top flanges of joist to desired length, and cut. Fasten to one end of bay or panel by clips or wedges. Pull taut by a Steeltex Stretcher, and clip to joist with Steeltex Sharp Nose Clips turned in alternately opposite directions. Lap sides of adjacent lengths at least 2", with end lap of at least I foot over nearest intermediate joist.

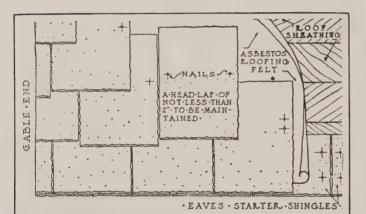
J-M Welded Wire Reinforcement

An electrically-welded plain or galvanized wire fabric, furnished in various gauges or spacings. Made in rolls and sheets. Details upon request.

J-M No. 35 AMERICAN METHOD

In the J-M No. 35 American Method Shingles both color and texture are combined to make roofs of unusual beauty and attractiveness at low cost. The pleasing rough texture, untrimmed edges and rich colors of these shingles give character to the roof and add materially to the attractiveness of the home. -COLORS:-

> **OLIVE GREEN** EBON BLACK MOTTLED COPPER SEA GREEN MOTTLED RED





A restful roof of I-M No. 35 American Method Shingles, entirely in keeping with the permanence of the stucco wall and the character of the home, itself.



No. 35 American Method—Size, $8\frac{1}{2}$ " x 17". Tapered to approximately $\frac{1}{4}$ " butts. $7\frac{1}{2}$ " exposure. Packed 15 shingles per bundle. 15 bundles, 225 shingles per square. Weight, approximately 537 lbs. per square. (Random widths of 6½", 10½" and 17" available on special order.) Approximately 2½ lbs. of 1½" galvanized nails per square for new work, 2/4 lbs. of 1/4" galvanized nails per square for new work, and approximately 3/2 lbs. of 2" nails for re-roofing. Use No. 36 Starters and No. 37 Hip & Ridge Shingles. (See page 17.)

Underwriters' Class A label.



I-M Hexagonal Asbestos Shingles on a Stucco Home

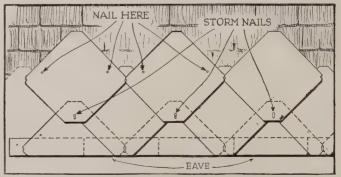


The No. 70 Hexagonal Method—Size, 16" x 16". Packed in convenient bundles of 15 shingles each. Weight, approximately 290 lbs. per square. 87 shingles, 1 lb. of 1½" galvanized nails and 87 storm anchors required per square. Exposed 13" x 13" to the weather. Use Nos. 18 and 71 Starters and Ridge Roll. (See page 17.) Underwriters' Class B label.

J-M No. 70 HEXAGONAL

With its pleasing pattern, adapted from the old French diagonal shingle, the No. 70 Hexagonal Method Shingle is one of the most popular styles ever produced. Each shingle has a full 3-inch weather-lap and butts are securely fastened by copper storm anchors.

-COLORS:-MOTTLED GRAY MOTTLED COPPER MOTTLED RED MOTTLED BLUE-BLACK MOTTLED GREEN



FIREPROOF ROOFS OF COLORFUL BEAUTY



AMERICAN METHOD—shown in Olive Green, Sea Green and Ebon Black. Also made in Mottled Copper and Mottled Red.



MOTTLED COPPER—illustrated in the Dutch Lap Method. Available also in the American and Hexagonal Styles.



MOTTLED BLUE-BLACK—available in the Hexagonal Method, as well as the Dutch Lap Style illustrated here



MOTTLED GREEN—shown in the Hexagonal Style.
Also available in the Dutch Lap Method



MOTTLED GRAY—available in both the Dutch Lap and Hexagonal Styles. Hexagonal illustrated



MOTTLED RED—illustrated in the Dutch Lap Style. Also available in the American and Hexagonal Methods.

J-M No. 30 **DUTCH LAP**

The J-M No. 30 Dutch Lap Shingle maintains the characteristic horizontal and vertical lines of the American Method style. Its application is so simple that labor costs are materially reduced. This, coupled with the low cost of the shingles, themselves, makes the J-M Dutch Lap Roof one of the most economical asbestos roofs now available.

This shingle, which is lapped at the side and top, with the exposed corner secured by a J-M Clincher, is designed for $\frac{1}{3}$ or $\frac{1}{4}$ uniform side lap application, and can be laid from left to right or from right to left. The exposure and effect of the shingle can thus be established according to the appearance and price desired.



Applying a Johns-Manville No. 30 Dutch Lap roof right over a roof of old wood shingles.



This beautiful Dutch Lap Roof demonstrates how closely the lines of this shingle resemble the American Method lines. Shown on a stucco and half-timber home.

The J-M Clincher

The I-M Clincher, which replaces the old storm anchor in securing the exposed corners of the shingles, is the key to the new simplified method of application. It can be quickly slipped into place and clinched with a smart hammer



The J-M Clincher

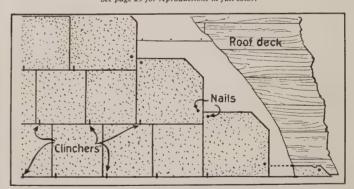
blow at any time during the application of the roof. It grips securely and cannot come loose.

---COLORS:----

MOTTLED GRAY MOTTLED RED

MOTTLED GREEN MOTTLED BLUE-BLACK MOTTLED COPPER

See page 25 for reproductions in full color.



This diagram shows graphically how easily a No. 30 Dutch Lap Roof can be laid. The J-M Clincher securely locks exposed corners with minimum of labor.



The J-M Dutch Lap (No. 30 Style)—for ½ side lap application. Size 16½" x 16½". Packed 15 shingles per bundle, 6 bundles, 90 shingles, per square. Weight approximately 300 lbs. per square. Requires 90 J-M Clinchers per square; approximately 1 lb. of 11/4" galvanized nails for new work and approximately 13/4 lbs. of 2" nails for re-roofing. Use No. 31 Eaves Starter and either No. 97 Hip & Ridge Shingle or Ridge Roll. (See page 17.) Under-

writers' Class B label.

The J-M Dutch Lap (No. 40 Style)—for 1/3 side lap application. Size and packaging same as for 1/4 side lap but requires 62/3 bundles, 100 shingles per square. Requires 100 J-M Clinchers per square; approximately 11/4 lbs. of 11/4" galvanized nails for new work and approximately 2 lbs. of 2" nails for re-roofing. Use No. 31 Eaves Starter and either No. 97 Hip & Ridge Shingle or Ridge Roll. (See page 17.) Underwriters' Class B label.





Cedargrain Shingles can hardly be distinguished from wood. The difference becomes plain as the years pass by with no need for upkeep.

CEDARGRAIN ASBESTOS SIDING SHINGLES

With its new Cedargrain Asbestos Siding Shingles, Johns-Manville provides a simple, economical, and absolutely permanent solution to the problem of siding maintenance. In color, these new shingles are popular shades of gray and copper, that will not change except to become richer with age. Through faithful reproduction of grain and texture, they provide the charm of the finest wood shingles, with irregular butt lines. Although they have the appearance of individual shingles of random widths, they are actually large pieces, 24 inches long. As a result of this feature, they can be applied at a cost comparing favorably with that of asphalt shingles.



No. 105 SIDING SHINGLE—Size, 121/8" x 24". 57 pieces per square, packed in 3 bundles of 19 shingles each. Headlap 1½". Weight 195 lbs. per square. No starters required. 1½ lbs. galvanized nails required per finish that the starters are squared to the starters are squared to the starters are starters.

square for re-siding. Sufficient bronze nails for face nailing supplied without charge—(cadmium plated with Gray shingles; unplated with Copper shingles.) Felt backer strips furnished in rag felt (black) without charge, and in asbestos felt (white) at slight additional cost.

STARTERS, RIDGE ROLL AND ACCESSORIES

SPECIAL NOTE-Weights are for shingles bundled. Crated weights about 6% more.

Style	Description and Catalog No.	Colors	Approx, weight per 100 lineal feet	Style	Description and Catalog No.	Colors	Approx, weight per 100 lineal feet
	No. 70 Shingles. Cut from same	Mottled Gray Mottled Green Mottled Copper Mottled Blue- Black Mottled Red	355		No. 17—STARTER— (4" x 16")— For use with No. 70 Hexagonal Shingles. Sold by the 100 lineal feet, 75 pieces. Packed 15 pieces per bundle.	Mixed Colors	65
					No. 36 STARTER - A tapered starter for use with No. 35 Shingles. Size, 9½" x 17". ½" butts. Packed 18 pieces per bundle; 72 pieces required per 100 lineal feet.	Mixed Colors	219
use with Dutch Lap S long x 3" wide. Pac per bundle; 99 pieces feet for No. 30; 111	No. 31—EAVES STARTER—For use with Dutch Lap Shingles. 15 \(\frac{1}{3}\)\(\text{0}''\) Mix	Mixed Colors	55 61				
	per bundle; 99 pieces per 100 lineal feet for No. 30; 111 pieces per 100 lineal lineal feet for No. 40.	No. 30 No. 40		The state of the s	No. 37 HIP AND RIDGE—For use with No. 35 Shingles. Size, $4\frac{1}{3}\frac{3}{2}$ " wide at top to $5\frac{1}{3}\frac{1}{2}$ " at butt. Packed 17 pieces per bundle; 340	Same colors as No. 35	425
	STARTER Sold separately for use with No. 70 Hexagonal Design. 100 Mottled Copp lineal feet contains 57 pieces. Sold by the 100 pieces. 19 pieces per Black		115		pieces required per 100 lineal feet.		
		Mottled Gray Mottled Green Mottled Copper Mottled Blue- Black Mottled Red			RIDGE ROLL—93 sections required per 100 lineal feet. Packed in crates of 33 sections each. For use with No. 70 Shingles. Pitted surface only.	Gray Red, Blue-Black Green, Copper	372

COPPER CLINCHERS*—The new fastening device developed by Johns-Manville. Saves time in application. Used only with Dutch Lap Shingles. One required for each shingle. *Patents pending.

COPPER STORM ANCHORS—The old type fasteners for use with No. 70 Shingles only. One required for each shingle.

GALVANIZED NEEDLE POINT NAILS—Specially made for use with asbestos shingles. Recommended in place of ordinary galvanized nails. See previous pages for quantities and sizes for each type of shingle.

COPPER RIDGE ROLL FASTENERS For use in fastening the exposed end of ridge roll. One required for each piece of ridge roll.



STANDARD SQUARE-BUTT STRIPS in Emerald Green A real green roof, in a style that suits almost any type of home.



LATCH THATCH METHOD in Standard Red An attractive, economical roof in a solid color of unusual appeal.



This is a roof of J-M Hexagonal Asphalt Shingles, with a striking design obtained by combining two colors.



GOTHIC DESIGN in Tile and Standard Reds A distinctive roof with life, warmth and sparkle.



HEXAGONAL METHOD in Blue-Black

A pattern and color which lend an air of distinction to any home.

JOHNS-MANVILLE

Available in a full line

Whatever the type of home—whatever the color or style of architecture—there is a Johns-Manville Asphalt Shingle roof to meet all requirements. On this page is shown the complete J-M line of Asphalt Shingles—each style made to Johns-Manville's strict specifications, developed through many years of manufacturing experience.

A style for every preference

Here are found the distinctive Latch Thatch Shingles, with their wide possibilities for distinctive roof lines; the Gothic Design, with their modernistic lines and pleas-

PRACTICALLY ALL OF THESE SHINGLES ARE AVAILABLE AT EVERY PRODUCING POINT. TO AVOID DISAPPOINTMENT, HOWEVER, CONSULT THE JOHNS-MANVILLE DEALER BEFORE MAKING FINAL SELECTION.



GOTHIC DESIGN in Duo-Blend Red Touches of orange throughout a soft, red field.



GIANT INDIVIDUAL SHINGLES in Standard Green A conservative roof that never loses its popularity.

ASPHALT SHINGLES

of colors and styles

ing pattern; the familiar Hexagonal and Square-Butt Strips, noted for their economical application; the Individual Square-Butt style in both standard and giant weights;—and, the most economical shingle of all, the Dymond Tablock.

Blended roofs easily made

While the colors make very attractive single-toned roofs, many people prefer to combine two or more colors, laying them in regular or random patterns, depending on the style of shingle chosen.



LATCH THATCH METHOD in Emerald and Standard Greens A soft, harmonious, two-toned effect, capable of wide use.



DYMOND TABLOCK SHINGLES in Tile Red An economical roof of warmth and beauty.



This charming roof of J-M Latch Thatch Shingles has enhanced the cozy atmosphere of this little cottage.

LATCH THATCH

There is practically no limit to the number of roof effects which can be obtained with the J-M Latch Thatch Shingle. Originally designed to produce the effect of thatched roofs, this unique shingle can also be laid in the conventional single or double coverage manner or in modernistic fashion, with the butts following irregular lines.

-COLORS:---

STANDARD RED STANDARD GREEN BLUE-BLACK TILE RED
EMERALD GREEN
DUO-BLEND RED

See pages 12-13 for color reproductions



LATCH THATCH—Size 12" x 18". Normal single coverage exposure, 81/4", requiring 2 bundles, 116 shingles per square. Approx. weight, 150 lbs. per square.



Note how the charming lines of the J-M Latch Thatch harmonize with the character of this little cottage.





GIANT GOTHIC DESIGN
—Size, 12 3 x 36". Full double coverage. Packed 50 strips per bundle, 2 bundles, 100 pieces per square. Approximate weight, 210 lbs. per square. Underwriters' Class C label.

GOTHIC DESIGN

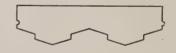
The J-M Gothic Design Asphalt Shingle provides a most unusual and interesting roof pattern at low cost. Since its introduction only a short while ago, it has become one of the leading styles. Its modernistic lines not only produce a pleasing pattern on the roof, particularly when contrasting colors are used, but also tend to keep the tabs always tight and snug against the roof deck.

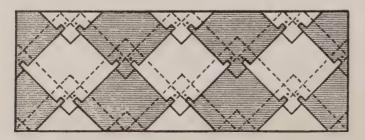
—COLORS—

Giant Gothic Design — STANDARD RED, STANDARD GREEN, BLUE-BLACK and EMERALD GREEN.

Standard Gothic Design — Same colors as Giant, plus TILE RED and DUO-BLEND RED.

STANDARD GOTHIC DESIGN — Size 10" x 36". Packed 50 strips per bundle. 2 bundles, 100 pieces per square. Approximate weight, 164 lbs. per square. Underwriters' Class C label.





DYMOND TABLOCK

A lock-type asphalt shingle of unusual coverage and economy. Makes a distinctive variation of the familiar diamond pattern, especially when laid in blended colors.

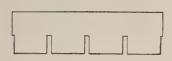
STANDARD RED

COLORS——
STANDARD GREEN BLUE-BLACK
EMERALD GREEN

Dymond Tablock—Size 18" x 18", exposure 15" x 15"; 67 pieces, 1 bundle per square.



Here is shown an attractive roof of Square-butt Strip Shingles.



STANDARD 10" STRIP SHINGLES—Provides a low-cost roof. Size, 10" wide x 36" long. 2" headlap, 4" exposure. 100 shingles per square, packed in 2 bundles. Weight, approximately 200 lbs. per square. Underwriters' Class C label.

Available in Standard Green, Standard Red, Blue-black, Tile Red and Emerald Green.



GIANT INDIVIDUAL SHINGLES—American Method Shingles of the highest quality. Size, 12" x 16". 5" exposure, 6" headlap. 235 shingles per square, packed in 5 bundles. Weight, approximately 300 lbs. per square. Can be laid 6" exposure, requiring 4 bundles, 188 shingles per square, and weighing 240 lbs. Underwriters' Class C label.

Available in Standard and Emerald Greens.



STANDARD INDIVIDUAL SHINGLES—Size, 9" x 12¾". Exposed 4". 4¾" headlap. 378 shingles per square, packed in 4 bundles. Weight, approximately 240 lbs. per square. Also used for covering hips and ridges. Underwriters' Class C label

Available in Standard Green, Standard Red, Blue-black, Tile Red, Buff and Emerald Green.



GIANT 12½" HEXAG-ONAL—a full double-coverage shingle cut from standard weight material. Size, 12½" x 36". 4" exposure. 4½" headlap. 100 strips per square packed in 3 bundles. Weight, approximately 210 lbs. per square. Underwriters' Class C label.

Available in Standard Green, Standard Blue-black and Tile



STANDARD 11½" HEX-AGONAL—An economically-priced shingle, cut from standard weight fabric. Size, 11½" x 36". 4½" exposure. 2" headlap. 86 strips per square packed in 2 bundles. Weight, approximately

160 lbs. per square. Under-writers' Class C label.

Available in Standard Green, Standard Red, Blue-black, Tile Red, Emerald Green, Buff and Duo-Blend Red,

SQUARE-BUTT, INDIVIDUAL and HEXAGONAL

In addition to the individual shingles described on the facing page, the J-M line includes other individual shingles and square-butt and hexagonal strips. The square-butt and hexagonal styles, with their large coverage and self-aligning feature are exceedingly economical to apply; while the individual style affords the opportunity for irregular thatch lines and staggered butts.

These shingles offer a wide choice in the selection of a durable, fire-resistant roof that is unexcelled for quality and, moreover, is low in cost.

The colors in which these shingles are available are illustrated on page 18 and 19.





Above is illustrated an interesting roof of Individual Shingles, laid in blended colors, with staggered butts. Below is a roof of J-M Hexagonal Strip Shingles.

J-M ROCK WOOL HOME INSULATION

A full-thickness insulating material, actually blown from rock. Available in two forms for old and new work in walls, roofs and attic floors.

Johns-Manville Home Insulation is a light, fluffy wool, actually blown from molten mineral, that is unsurpassed for the heat-proofing of practically any building, old or new. Because it is a natural non-conductor of heat, and because it prevents air circulation by filling the hollow spaces inside the walls, J-M Rock Wool checks all three types of heat transmission (radiation, convection, conduction). It is a permanent, rot-proof, odorless material that absolutely will not burn. Four inches of this material are equal in resistance to heat and cold, to a solid stone wall 11 feet thick. As a result, when used to completely insulate a home, it reduces fuel bills as much as 35%, and makes upstairs rooms up to 15° cooler on the hottest summer days. It is made in two forms, Type B and Type A.



This view illustrates the fluffy, wool-like character of J-M Type B "bats"—amazingly resistant to heat, because every cubic inch contains millions of tiny dead air cells.

TYPE B (for new construction and accessible attics)

J-M Type B Home Insulation is felted rock wool, formed into "bats," 15" wide x 18" long, or 15" wide by 23" long, which are easy to handle and which fill the space between the walls or roof rafters. These



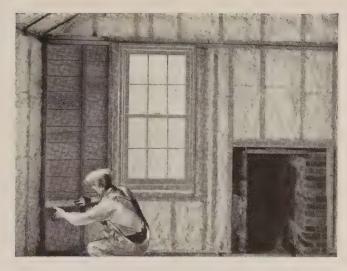


The "bats" can easily be cut with a butcher's knife, or sawed, or even torn with the hands to fit odd-shaped spaces.

bats can readily be pressed between studs or floor beams and can easily be sawed, cut or even torn with the hands to fit around windows, doorways, pipes, plumbing stacks, outlet boxes, etc.

The convenient size of the bats enables the workman to cover large areas more quickly and economi-

Type B Home Insulation—Shipped 6 bats per package. One carton of the 15" x 18" size covers approximately 11½ square feet of net area. Approximate weight per package, 23 lbs. A carton of 15" x 23" bats covers approximately 14.4 square feet of net area, and weighs approximately 30 lbs.



In new construction, J-M Type B "bats," installed in all exterior walls as well as across the roof.

cally than if loose wool were used. Furthermore, J-M Type B Home Insulation gives the home owner fullest protection against heat loss, for these "bats" are units of uniform thickness and density, and cannot be installed in such a manner as to leave voids or thin spots to waste heat. In addition, they provide added security from fire.

J-M Type B Home Insulation can likewise be applied in open attics and other accessible places in old homes, thereby making the homes much more comfortable all year 'round and much easier to heat.

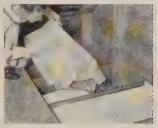
TYPE A (for existing walls and inaccessible attics)

For insulating the walls and finished attics of existing homes, J-M Type A Home Insulation is recommended. Type A Home Insulation is nodulated rock wool, which, when "blown" into the wall and attic spaces under pneumatic pressure, fills every nook and cranny with heat re-

sistant material. It can be installed in any building of wood, brick veneer, or stucco. Type A Insulation is installed by Approved Home Insulation Contractors who have the neces sary equipment. We shall be glad to give you the name of the Approved Contractor in your neighborhood.

J-M CEILING INSULATION

J-M Ceiling Insulation is especially adapted for use in open attics, where it can be applied between the floor beams to any desired thickness. Like J-M Home Insulation, it is a permanent, vermin-proof, rot-proof, odorless material that



will not burn. It is furnished loose in bags. The recommended quantity of J-M Ceiling Insulation varies with the local climate. In mild climates only a 2" thickness may be necessary; while in severely hot or cold sections a 4" thickness provides the best results.

J-M Ceiling Insulation is shipped in 50-lb. bags. When applied 2" thick, it weighs approximately 2 lbs. per square foot.



Walls of existing structures are insulated in the manner shown above. Even brick and stucco offer no problem.

READY ROOFINGS

ASBESTOS READY ROOFINGS

J-M Asbestos Ready Roofings provide, in a most economical and durable form, fireproof, weatherproof protection, for use especially on farm and industrial buildings, and all other structures which require the best ready roofing which can be obtained.

Whether used with the smooth or the slate surface or with the white top ply, they give the fullest measure of protection, because each style is built on a base of permanent, fire-resisting asbestos felt.

A variety of weights and colors makes it possible to select a suitable roof for every type of service.







FLEXSTONE SMOOTH-SURFACED ASBESTOS ROOFING—A high-grade, smooth-surfaced roofing consisting of plies of asphalt-saturated asbestos felt, cemented together with asphalt. This built-up construction insures unusually long life and service. Shipped in crates containing flat sheets 32" wide x 80" long. Weight approximately 70 lbs. Also made in extra heavy weight (4-ply) crated in flat sheets measuring 32" x 80". Packed with L. H. galvanized nails and cement or with Zinc Pyramid Kaps, nails and cement as specified. Shipped in 5 sq. crates. Material weighs approximately 92 lbs. per square, including nails and cement.



FLEXSTONE MINERAL-SURFACED ASBESTOS ROOFING—Heavy, asphalt-impregnated asbestos felt, surfaced on one side with slate, in red, green or blueblack. Used on steep-roofed buildings where color is desired. Packed in 1-square rolls. Rolls are 32" wide, with 2" selvage. Weight approximately 85 lbs. per square, including L. H. galvanized nails and cement. Underwriters' Class B label.

ASBESTOS SLATERS FELT—for sheathing houses and as a liner under asbestos shingles, tile or slate. Made of high-grade asbestos felt saturated with asphalt. Shipped in 3-square rolls, 32" wide, weighing approximately 45 lbs. per roll.

ZINC PYRAMID KAPS—A non-corroding device for making roll roofing laps weather-and-water-tight. Applied continuously along the laps, they exert a strong, positive and evenly distributed pressure.

WHITE TOP ASBESTOS ROOFING—Plies of asphalt-impregnated asbestos felt, cemented together with asphalt, with a top ply of white (unimpregnated) asbestos felt. Used where a white, light-reflecting surface is desired. Supplied in three weights: Standard (3-ply), Heavy (3-ply) and Extra Heavy (4-ply). Standard weight shipped in rolls, 32" wide, containing 108 sq. ft., and weighing approximately 55 lbs., including L. H. galvanized nails and cement. Heavy weight shipped in rolls 32" wide, containing 108 sq. ft., and weighing approximately 63 lbs., including L. H. galvanized nails and cement. Extra Heavy weight shipped in sheets, 32" x 80". 6 sheets per source 4 squares per crate. Material weights

shipped in sheets, 32" x 80". 6 sheets per square, 4 squares per crate. Material weighs approximately 92 lbs. per square, including L. H. galvanized nails and cement. Shipping weight, crated, approximately 98 lbs. per square.

Heavy and Extra Heavy can also be furnished with Pyramid Kaps, nails and cement at slight increase in cost.



With Pyramid Kaps

Laps cannot buckle, pucker or tear away. Illustrations compare the action of Pyramid Kaps with ordinary nailing. Furnished with roofing, when specified, in strips approximately 14" long.



ASPHALT READY ROOFINGS

In the line of J-M Asphalt Ready-to-lay Roofings are found materials suited for use on permanent, steep-roofed buildings, on residences, and on all temporary and semi-permanent structures.

This line offers a wide choice of weights, a selection between smooth and slate surfacing, and a choice of colors, so that every demand can be met for a quality roof that is durable and attractive—yet is low in cost and suited to the length and type of service expected of it.













SLATEKOTE ROOFING—A slate-surfaced roofing of highest quality, furnished in a variety of pleasing colors. Makes colorful roofs at low cost. Packed in 1-square rolls, 36" wide. 2" selvage. Weight, approximately 90 lbs. per square. Nails and cement included with roofing. *Underwriters' Class C label*.

Colors: Red, Green, Blue-black, Tile Red, Emerald Green, and White.

PILOT ROOFING—A smooth-surfaced roofing of the highest quality. Recommended for all permanent, steep-roofed buildings. Medium and Heavy packed in rolls, 36" wide, containing 108 square feet; Extra Heavy in rolls containing 116 square feet. Furnished in three weights:

Medium—Approx. 45 lbs. per square. Heavy—Approx. 55 lbs. per square. Extra Heavy—Approx. 75 lbs. per square.

Packed with galvanized nails and cement. Underwriters' Class C label.

SLATEKOTE DIAMOND POINT—Very popular for re-roofing, because of its interesting pattern and pleasing colors. Packed in rolls, 32" wide, covering 100 square feet of roof area. Weight, approximately 100 lbs. per roll. Packed without nails or cement. *Underwriters' Class C label*.

Colors: Red, Green, Blue-black.

SLATEKOTE MODERNEDGE ROOFING—In wide demand for re-roofing. Unusual design of exposed edge, together with striking color combinations makes distinctive roofs. Packed in rolls, 32" wide, covering 100 sq. ft. of roof area. Weight, approximately 100 lbs. per roll. Packed without nails or cement. *Underwriters' Class C label*.

Colors: Standard Red or Green field with Black tabs.

Also Standard Red and Standard Green without second color for tabs.

SPLIT-SHEET SLATEKOTE ROOFING—Provides a colorful, semi-built-up roof of long life, at low cost. Also used as a cap sheet for built-up roofing, where color is desired. Packed in 1-square rolls, 36" wide. 19" selvage. Covers 51 square feet of weather area per roll. Weight approximately 50 lbs. Packed without nails and cement. Underwriters' Class C label.

Colors: Red, Green, Blue-black.

PLANET ROOFING—A good grade of smooth-surfaced roofing, saturated and coated both sides. Recommended for temporary buildings and miscellaneous uses. Packed in 1-square rolls, 36" wide. Furnished in three weights with nails and cement:

Light—Approx. 35 lbs. per square. Medium—Approx. 45 lbs. per square. Heavy—Approx. 55 lbs. per square. Ex. Heavy—Approx. 65 lbs. per square. Also available sanded both sides.

NO. 35 ROOFING SHEET—A superfine felt for built-up roofs. Furnished in 2-square rolls, weighing approximately 40 lbs. per square. Special surface finish. Packed without fixtures.

NO. 20 WATERPROOFING SHEET—A heavily coated asphalt felt for use as damp-coursing or damp-proofing. Furnished in 2-square rolls, weighing approximately 20 lbs. per square. Packed without fixtures.



J-M TRANSITE

A fireproof, permanent, asbestos-cement building sheet of unexcelled resistance to severest conditions of service

Transite is generally recognized as the outstanding fire—and—corrosion-resisting building sheet on the market today. It is an unlaminated sheet of great strength and rigidity, and has a pleasing light gray color.

It can be drilled, punched or sawed. It does not become warped, distorted or weakened in service, and it offers high resistance to acid fumes and severe weather conditions. Paint is not required as a preservative, but can be applied if other than the natural color is desired.

Transite is often used to give the effect of stucco in halftimber construction. It is an ideal material for the construction of bungalows and summer cottages, particularly in heavily wooded sections subject to forest fires. It is also furnished cemented to both sides of Insulating Board, combining fire protection and insulating value. In this form it is known as Transite-Encased Insulating Board.



Transite—Size, 36" x 48" and 42" x 48", in thicknesses from $\frac{1}{8}$ " to 4"; and in size 42" x 96" in thicknesses from $\frac{3}{10}$ " to 2". Special sizes within these limitations can also be supplied. Weight approximately 124 lbs. per cubic foot.

Transite-Encased Insulating Board—Size, 42" x 96", and in smaller sizes on special order. $\frac{1}{8}$ " Transite cemented to both sides of $\frac{1}{2}$ " or 1" Insulating Board. Weight approximately 4 lbs. per sq. ft., with $\frac{1}{2}$ " Insulating Board.

J-M BUILDING ACCESSORIES

The construction of every building requires the use of certain accessory materials, such as sheathing paper, slaters felt, deadening felt, etc. From the J-M products listed below, a suitable material can readily be selected to meet any requirement of service or price.

ASPHALT FELT—An asphalt-saturated rag felt used as a liner under shingles, slate or tile, and as a sheathing. 36" wide. Furnished in four weights: 10, 15, 20 and 30 lbs. per square. 10-lb. weight furnished in rolls containing 500 sq. feet, weighing approximately 50 lbs. 15-lb. weight furnished in rolls containing 324 sq. feet, weighing approximately 50 lbs. 20-lb. weight furnished in rolls containing 300 sq. feet, weighing approximately 60 lbs. 30-lb. weight furnished in rolls containing 216 sq. feet, weighing approximately 65 lbs.

BLUE PLASTER BOARD—A heavy weight, dry sheathing paper, colored light blue, used for lining walls in inexpensive house construction, and also as a sheathing paper. 36" wide. Furnished in rolls of 250 and 500 square feet, weighing approximately 30 and 60 lbs. respectively.

DEADENING FELT—High quality unsaturated rag felt for use in walls and floors to keep out sounds and drafts. 36" wide. Made in three weights: ¾, 1 and 1½ lbs. per square yard. Approximately 450 square feet per roll. Weight per roll: approximately 40 lbs. for ¾-lb. felt, 50 lbs. for 1-lb. felt, 75 lbs. for 1½-lb. felt. Ends capped.

ROSIN-SIZED DUPLEX SHEATHING-Highest quality sheath-

ing felt; red one side, gray one side. Two colors in one stock. Made in weights of 20, 23, 30 and 40 lbs. per roll of 500 square feet.

ASPHALT SATURATED SHEATHING—A black building paper used between floors, in walls and for general insulating purposes. Furnished in rolls, 36" wide, containing 250 and 500 square feet and weighing 18 and 35 lbs. respectively.

KRAFT SHEATHING PAPER—Two layers of high-grade Kraft paper with asphalt between. Minimum Mullen test 60 pounds. Furnished in rolls, 40" wide, containing 500 square feet and weighing 18 lbs.

ROOFING MADE WITH SOLKA FIBRE—For a small increase in price Slatekote and 30 lb. felt can be obtained made with Solka Fibre which makes the roofing very strong and tough.

CELITE—Celite is a specially prepared grade of diatomaceous silica of extreme fineness and purity, furnished in the form of a light, dry powder. It improves the workability, uniformity, water-tightness and other properties of concrete, plaster and mortar.

Celite is furnished in 100-lb. bags.







ROOF COATINGS, PUTTIES, ETC.

J-M ROOF COATINGS, PUTTIES, CEMENTS & WATERPROOFING MATERIALS

Johns-Manville manufactures a complete line of repair and waterproofing materials, including roof coatings for the restoring of wood, metal and composition roofs; putties for patching and pointing up roofs and flashings; and waterproofing materials for both foundation and roofing work.

Each material has been developed for the specific service it must give, and has been proved most effective over long periods of actual use.



AQUADAM—A black, elastic, tacky material for cold application. Used to keep dampness out of masonry, hollow tile, etc. Used as a coating on the outside of foundation walls, below grade. When applied to the inside of exterior walls, above grade, it provides a damp-proof film and prevents air infiltration. Furnished in 5, 25 and 50-gal. containers, shipped individually, and weighing 45, 225 and 430 lbs., respectively.

ASBESTOS FIBROUS ENAMEL—A high-grade roof coating made of asbestos fibres and asphalt of the right consistency for brush application. For coating old roofs of all kinds with a durable covering and for all exposed iron and steel work. Made with the asbestos fibre ground for a smooth coating and unground for use where the roof is in bad condition. Furnished in 1, 5, 25 and 50-gallon containers.

LAP CEMENT—Similar to the cement packed in each roll of prepared roofing, but put up in various size packages for use when roofing is shipped without accessories. Furnished in 1-pint and 1, 5, 25 and 50-gal. containers.

REGAL ROOF COATING—A non-fibrous asphalt coating for all kinds of roofs. Prolongs the life of roofing by penetrating the body, filling the voids and restoring its waterproof qualities. Furnished in 1, 5, 25 and 50-gal. containers.

PLASTIC ASBESTOS ROOF PUTTY OR ASBESTOS CAULKING PUTTY—A high-grade roof putty made of asbestos fibre and asphalt. Used for patching leaky roofs, constructing and repairing flashings, and for various other purposes. Furnished in gray, in 1, 5, 10, 25, 50, 150 and 300-lb. containers.

STANDARD ASPHALT ROOFING CEMENT — Furnished in two types, with melting points of 170 and 190 deg. F. Shipped in solid form in 500-lb. drums.

EMULSIFIED ASPHALT COATING—Furnished in black, red and green in 1, 5, 30 and 55-gal. containers.

EMULSIFIED ASPHALT FIBRE CEMENT—Furnished in 1, 5, 30 and 55-gal. containers.

THE CATALOG OF

JOHNS-MANVILLE



JOHNS-MANVILLE

Executive Offices: 22 EAST FORTIETH STREET, NEW YORK

AKRON ALBANY ATLANTA BALTIMORE BIRMINGHAM BOSTON BUFFALO CHARLESTON, W. YA. CHARLOTTE CHICAGO CINCINNATI CLEVELAND COLUMBUS DALLAS

DAYTON DENVER DETROIT EL PASO ERIE GRAND RAPIDS HOUSTON INDIANAPOLIS JACKSONVILLE KANSAS CITY, MO. LOS ANGELES LOUISVILLE MEMPHIS MILWAUKEE MINNEAPOLIS NEWARK NEW ORLEANS NEW YORK OAKLAND PHILADELPHIA PITTSBURGH PORTLAND, ME. PORTLAND, ORE. PROVIDENCE RICHMOND ROCHESTER SALT LAKE CITY SAN DIEGO SAN FRANCISCO SEATTLE ST. LOUIS Cable Address
"JOHNMANVIL,"
NEW YORK

SYRACUSE TOLEDO TULSA WASHINGTON WHEELING WILKES-BARRE YOUNGSTOWN

Canadian Johns-Manville Co., Limited
MONTREAL TORONTO VANCOUVER WINNIPEG

Johns-Manville International Corporation
PARIS LONDON MOLL, Belgium RIO DE JANEIRO BUENOS AIRES